

SSMIS V04B Release Notes

An error was introduced into the SSMIS L1 products during a small bug fix in July 2016. The 22V cross-pol correction was unexpectedly turned off and caused the 22V channel Tb to be off by 3 - 6 K. This error also affected the SSMIS L2 – L3 precipitation products. Figure 1 shows the daily mean surface precipitation and Tc differences caused by this error during July and August 2016.

The affected products are the following:

Data Type	Start Orbit	Start Time
Orbital products:		
1CF16SSMIS	65791	2016-07-18 23:22:37 -> current date
1CF17SSMIS	50073	2016-07-18 22:32:47 -> current date
1CF18SSMIS	34811	2016-07-18 22:19:44 -> current date
2AGPROFF16SSMIS	65791	2016-07-18 23:22:37 -> current date
2AGPROFF17SSMIS	50073	2016-07-18 22:32:47 -> current date
2AGPROFF18SSMIS	34811	2016-07-18 22:19:44 -> current date
Daily products:		
3GPROFF16SSMIS_DAY		2016-07-19 00:00:00 -> current date
3GPROFF17SSMIS_DAY		2016-07-19 00:00:00 -> current date
3GPROFF18SSMIS_DAY		2016-07-19 00:00:00 -> current date
3GIDEG_GPM_DAY		2016-07-19 00:00:00 -> current date
Monthly products:		
3GPROFF16SSMIS		2016-07-01 00:00:00 -> 2016-09-01
3GPROFF17SSMIS		2016-07-01 00:00:00 -> 2016-09-01
3GPROFF18SSMIS		2016-07-01 00:00:00 -> 2016-09-01

Users of these affected products please replace the V04A data with the reprocessed V04B version.

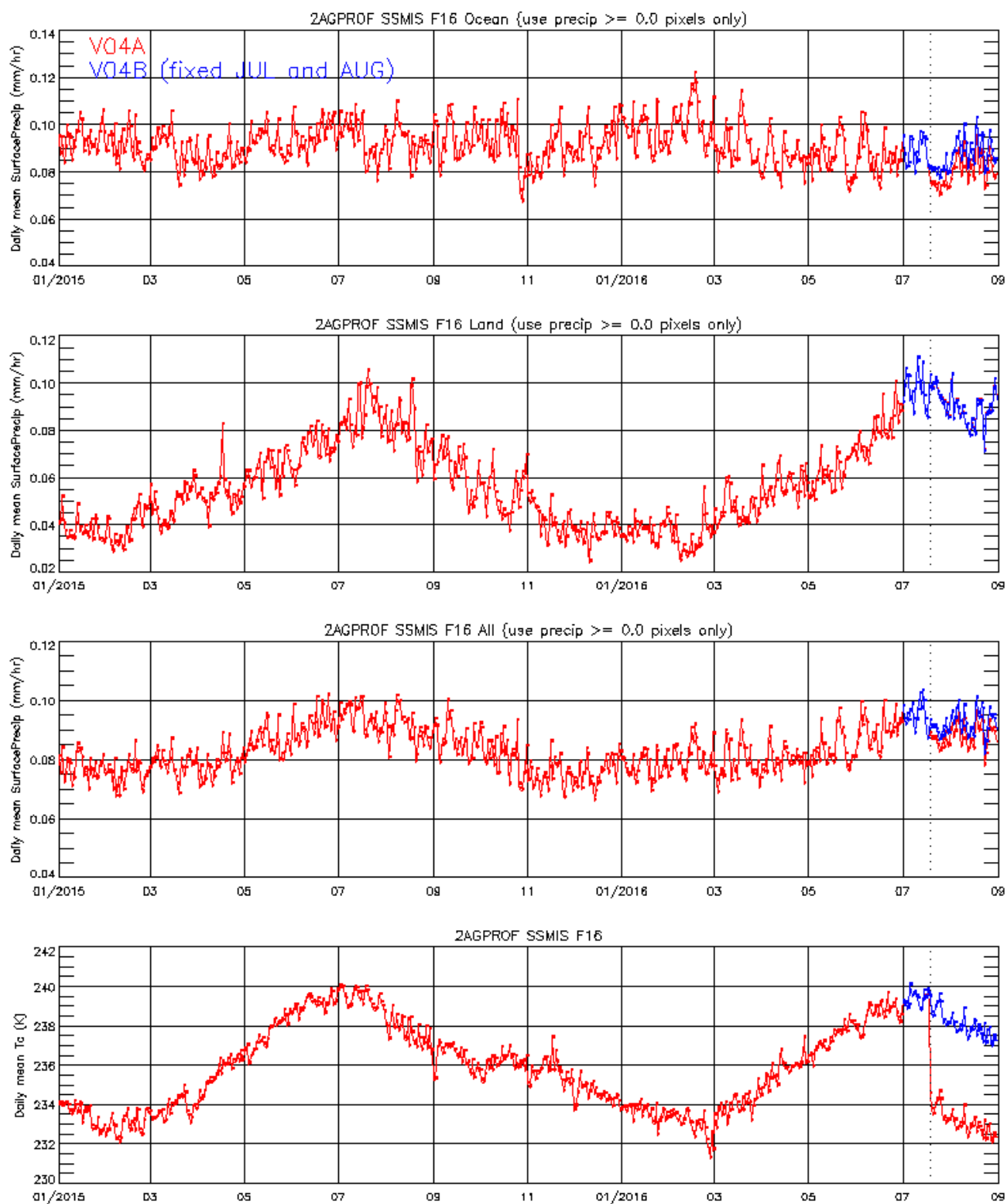


Figure 1. SSMIS F16 daily mean surface precipitation difference caused by Tb error.